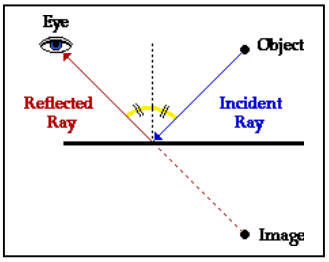
Activity #9

Title: The IR Challenge! –Student Response Sheet



1. Maximum effective distance (straight-line measure) of IR remote controller = _____meters.

2. In the space below diagram your mirror arrangement—including the measured length of each "leg" of the IR beam's path from the remote controller to the appliance. Calculate the TOTAL LENGTH of the beam's distance and record this in the appropriate space.

Diagram

_____meters

+_____meters

+_____meters

+_____meters

=_____meters (TOTAL DISTANCE traveled of IR beam)

3. In what ways is infrared energy similar to visible light?

4. In what ways does infrared energy differ from visible light?